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PATENT NUMBER: 6574654

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FILING DATE: 12/14/2001
ISSUE DATE:

SERIAL NUMBER: 60379870
PATENT NUMBER:

FILING DATE: 05/10/2002
ISSUE DATE:

SERIAL NUMBER: 60378800
PATENT NUMBER:

FILING DATE: 05/07/2002
ISSUE DATE:

SERIAL NUMBER: 10153983
PATENT NUMBER:

FILING DATE: 05/22/2002
ISSUE DATE:

SERIAL NUMBER: 10171728
PATENT NUMBER: 6571231

FILING DATE: 05/28/2002
ISSUE DATE: 05/27/2003

SERIAL NUMBER: 60378841
PATENT NUMBER:

FILING DATE: 05/07/2002
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SERIAL NUMBER: 60378844
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SERIAL NUMBER: 60378875
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SERIAL NUMBER: 60378872
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SERIAL NUMBER: 60378871
PATENT NUMBER:

FILING DATE: 05/07/2002
ISSUE DATE:

SERIAL NUMBER: 60378018   FILING DATE: 05/10/2002
PATENT NUMBER: ISSUE DATE:

SERIAL NUMBER: 60385020   FILING DATE: 05/30/2002
PATENT NUMBER: ISSUE DATE:

SERIAL NUMBER: 60379069   FILING DATE: 05/08/2002
PATENT NUMBER: ISSUE DATE:

SERIAL NUMBER: 60379072   FILING DATE: 05/08/2002
PATENT NUMBER: ISSUE DATE:

SERIAL NUMBER: 60379089   FILING DATE: 05/08/2002
PATENT NUMBER: ISSUE DATE:

SERIAL NUMBER: 60379827   FILING DATE: 05/10/2002
PATENT NUMBER: ISSUE DATE:

SERIAL NUMBER: 60379890   FILING DATE: 05/10/2002
PATENT NUMBER: ISSUE DATE:

SERIAL NUMBER: 60379872   FILING DATE: 05/10/2002
PATENT NUMBER: ISSUE DATE:

SERIAL NUMBER: 60382360   FILING DATE: 05/20/2002
PATENT NUMBER: ISSUE DATE:

SERIAL NUMBER: 60378016   FILING DATE: 05/10/2002
PATENT NUMBER: ISSUE DATE:

SERIAL NUMBER: 10144439   FILING DATE: 05/10/2002
PATENT NUMBER: ISSUE DATE:

SERIAL NUMBER: 60383498   FILING DATE: 05/24/2002
PATENT NUMBER: ISSUE DATE:

SERIAL NUMBER: 60384693   FILING DATE: 05/31/2002
PATENT NUMBER: ISSUE DATE:

SERIAL NUMBER: 60384206   FILING DATE: 05/29/2002
PATENT NUMBER: ISSUE DATE:

SERIAL NUMBER: 10167207   FILING DATE: 06/10/2002
PATENT NUMBER: ISSUE DATE:

SERIAL NUMBER: 60384647   FILING DATE: 05/31/2002
PATENT NUMBER: ISSUE DATE:

SERIAL NUMBER: 60384646   FILING DATE: 05/31/2002
PATENT NUMBER: ISSUE DATE:

SERIAL NUMBER: 60384583   FILING DATE: 05/31/2002
PATENT NUMBER: ISSUE DATE:

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SERIAL NUMBER: 60385543   FILING DATE: 06/03/2002
PATENT NUMBER: ISSUE DATE:

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FORM PTO-1596		
1-31-92	‖‖‖‖‖‖‖‖‖‖‖‖‖‖‖ 102427151	U.S. DEPARTMENT OF COMMERCE
Docket No.: 50277-0010		Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereto:

1. Name of Conveying Party(ies): 4-2103 Oracle Corporation Additional name(s) of conveying party(ies) attached? ☐ Yes	2. Name and address of receiving party(ies): Name: Oracle International Corporation Internal Address: _____
3. Nature of Conveyance: ☒ Assignment ☐ Merger ☐ Security Agreement ☐ Change of Name ☐ Other	Street Address: 500 Oracle Parkway
	City: Redwood Shores State/Country CA ZIP: 94065
Execution Date: April 11, 2003	Additional name(s) & address(es) attached? ☐ Yes

4. Application number(s) or patent number(s):   **See attached Schedule A, pages 2-15**

If the document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No(s).	B. Patent No(s).

Additional numbers attached? ☒ Yes

5. Name and address of party to whom correspondence concerning Document should be mailed: Name: Hickman Palermo Truong & Becker, LLP Internal Address: _____ Street Address: 1600 Willow Street City: San Jose State: CA Zip: 95125	6. Total number of applications and patents involved: 257
	7. Total fee (37 CFR 3.41) $10,280.00 ☒ Enclosed ☐ Authorized to be charged to deposit account
	8. Deposit account number:

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Brian D. Hickman, Registration No. 35,894		April 15, 2003
Name and Registration No. of Person Signing	Signature	Date
	Total number of pages comprising cover sheet: 15	

CMB No. 0851-0011 (exp. 4/94)

	Attorney Docket No.	OIC Docket No.	Appl. No.	Filing Date	Title
1.	50277-0014	OID-1995-22	08/669,689	6/24/96	Method And Apparatus For Lock Caching
2.	50277-0075	OID1996-035-01	08/794,269	2/3/97	Web Request Broker Controlling Multiple Processes
3.	50277-0125	OID-1997-011-02	09/156,548	9/17/98	Parallel Transaction Recovery
4.	50277-0144	OID 1997-29-03	08/960,556	10/31/97	Data Type Mapping for External Callouts
5.	50277-0183	OID 1997-006-05 PRO	60/074,587	2/13/98	Cache Fusion
6.	50277-0184	OID 1997-053-03	09/032,176	2/27/98	Using Logical Item Groups to Manage Sourcing Rules and Bills of Distribution in Manufacturing and Distribution Planning
7.	50277-0210	OID 1997-006-06	09/298,603	4/23/99	Communication Architecture for Distributed Computing Environment
8.	50277-0235	OID-1998-001-01	09/258,037	2/25/99	Managing The Size And Accessibility Of A Name Service
9.	50277-0236	OID-1998-002-01	09/258,013	2/25/99	Determining The Participants In A Distributed Operation
10.	50277-0242	OID-1997-071-04	09/266,046	3/10/99	Using a Resource Manager to Coordinate the Committing of a Distributed Transaction
11.	50277-0263	OID 1997-083-01	09/266,703	3/11/99	Approach for Performing Administrative Functions in Information Systems
12.	50277-0267	OID-1998-023-01	09/347,439	7/2/99	Scalable Multiple Address Space Server
13.	50277-0269	OID-1998-025-01	09/405,980	9/27/99	PARTITION PRUNING WITH COMPOSITE PARTITIONING
14.	50277-0273	OID 1998-006-01	09/318,518	5/25/99	Extending the Attributes of an Application Generated Using a Fourth Generation Programming Tool
15.	50277-0277	OID-1998-25-02	09/406,482	9/27/99	Parallel Partition-Wise Joins
16.	50277-0289	OID 1999-001-01	09/307,043	5/7/99	Resource Locking Approach
17.	50277-0290	OID 1999-002-01 PRO	60/147,538	8/5/99	Versioning in Internet File System (IFS)
18.	50277-0297	OID 1999-011-01	09/415,031	10/7/99	Managing Parallel Execution of Work Granules According to Their Affinity
19.	50277-0298	OID 1999-012-01	09/415,033	10/7/99	Distributing Workload Between Resources Used to Access Data
20.	50277-0299	OID 1999-002-02	09/571,508	5/15/00	Multi-Model Access to Data
21.	50277-0300	OID 1999-002-003	09/571,496	5/15/00	File System that Supports Transactions

	Attorney Docket No.	OIC Docket No.	Appl. No.	Filing Date	Title
22.	50277-0301	OID 1999-002-04	09/571,060	5/15/00	Stored Query Directories
23.	50277-0302	OID 1999-002-05	09/571,036	5/15/00	Event Notification System Tied to File System
24.	50277-0304	OID 1999-002-07	09/571,568	5/15/00	On-the-Fly Format Conversion
25.	50277-0305	OID 1999-021-01	09/493,660	1/28/00	Techniques For DLM Optimization With Re-Mapping Responsibility For Lock Management
26.	50277-0307	OID 1999-027-01	09/360,286	7/22/99	A Method for Computing the Degree of Parallelism in a Multi-User Environment
27.	50277-0309	OID 1999-020-01 PRO	60/124,774	3/17/99	Single Application to Service an Arbitrary Client
28.	50277-0310	OID 1999-033-01	09/513,724	2/24/00	Defining Instead-Of Triggers Over Nested Collection Columns of Views
29.	50277-0312	OID 1999-020-01	09/454,515	12/6/99	Providing Clients with Services that Retrieve Data from Data Sources That Do Not Necessarily Support the Format Required by the Clients
30.	50277-0314	OID 1999-055-01 PRO	60/129,658	4/16/99	Multidimensional Repositories for Problem Discovery and Capacity Planning of Oracle Applications (Provisional)
31.	50277-0315	OID 1999-056-01	09/433,827	11/3/99	Finding the Top N Values Through the Execution of a Query
32.	50277-0317	OID 1999-057-01	09/436,053	11/8/99	Using Global Temporary Tables to Transform Queries
33.	50277-0331	OID 1999-081-01	09/428,295	10/27/99	Transmitting Data Reliably and Efficiently
34.	50277-0333	OID 1999-055-01	09/549,824	4/14/00	Multidimensional Repositories for Problem Discovery and Capacity Planning of Database Applications
35.	50277-0335	OID-1999-073-01	09/478,946	1/6/00	Preserving Consistency of Passively-Replicated Non-Deterministic Objects
36.	50277-0342	OID-1999-122-01	09/652,384	8/31/00	Managing Replacement of Data in a Cache on a Node Based On Caches of Other Nodes
37.	50277-0345	OID 1999-129-01 PRO	60/147,217	8/4/99	Multi-Device Support for Mobile Applications Using XML (Provisional)
38.	50277-0346	OID 1999-114-01PRO	60/147,213	8/4/99	Method and System for Business to Business Data Interchange Using XML (Provisional)
39.	50277-0351	OID 1999-114-01	09/550,300	4/14/00	Method and System for Business to Business Data Interchange Using XML
40.	50277-0352	OID 1999-129-01	09/631,884	8/4/00	Multi-Device Support for Mobile Applications Using XML
41.	50277-0353	OID 1999-002-01	09/571,696	5/15/00	Versioning in Internet File System

	Attorney Docket No.	OIC Docket No.	Appl. No.	Filing Date	Title
42.	50277-0356	OID's-1999-146-01PRO & 1999-147-01PRO	60/153,464	9/9/99	ACID Compliant Transaction and Distributed Transaction Architecture Across HTTP and Active Simulation to Optimize Transaction Quantums Across HTTP
43.	50277-0357	OID-1999-147-01	09/658,658	9/8/00	Monitoring Latency of a Network to Manage Termination of Distributed Transactions
44.	50277-0358	OID-1999-146-01	09/715,955	11/17/00	Asynchronous Transaction Object Management System
45.	50277-0367	OID-1999-093-01	09/675,195	9/29/00	Using Transportable Tablespaces for Hosting Data of Multiple Users
46.	50277-0368	OID 1999-138-01	09/478,945	1/6/00	Indexing Key Ranges
47.	50277-0370	OID-1997-010-09DIV	09/547,191	4/11/00	Object Views for Relational Data (DIVISIONAL)
48.	50277-0374	OID 1999-142-01	09/715,956	11/17/00	Coordinating a Distributed Transaction Between Participants Unable to Follow a Two-Phase Commit
49.	50277-0376	OID-1999-173-01 thru 04 PRO	60/166,598	11/19/99	Debugging Techniques and Fast SGA Dumps to File for Deferred Analysis of the Database (Provisional)
50.	50277-0377	OID-1999-173-01	09/649,310	8/28/00	Method and Apparatus for Debugging a Software Program
51.	50277-0378	OID-1999-173-02	09/717,187	11/20/00	Method and Apparatus for Debugging A Software Program Using Dynamic Debug Patches and Copy On Write Views
52.	50277-0379	OID-1999-173-03	09/717,162	11/20/00	Fast Database State Dumps to File for Deferred Analysis of a Database
53.	50277-0380	OID-1999-173-04	09/717,161	11/20/00	A Debug and Data Collection Mechanism Utilizing a Difference in Database State by Using Consecutive Snapshots of the Database State
54.	50277-0383	OID 1999-021-02	09/493,673	1/28/00	Techniques For DLM Optimization With Transferring Lock Information
55.	50277-0384	OID 1999-021-03	09/493,659	1/28/00	Techniques For DLM Optimization With Re-Mastering Events
56.	50277-0385	OID 2000-006-01 PRO	60/184,211	2/22/00	Using One Device to Configure and Emulate Web Site Content to Be Displayed on Another Device
57.	50277-0386	OID 2000-006-01	09/773,982	1/31/01	Using One Device to Configure and Emulate Web Site Content to Be Displayed on Another Device
58.	50277-0406	OID 1999-157-01	09/715,552	11/17/00	Distributing Data Items to Corresponding Buckets for Use in Parallel Operations
59.	50277-0407	OID 1999-094-01	09/565,787	5/5/00	DIAGNOSING CRASHES IN DISTRIBUTED COMPUTING SYSTEMS

	Attorney Docket No.	OIC Docket No.	Appl. No.	Filing Date	Title
60.	50277-0408	OID 1999-088-01	09/630,441	8/2/00	Locally Executed Filtering in Parallel Sort Operations
61.	50277-0409	OID 2000-015-01	09/589,602	6/7/00	PARTITIONED ACCESS CONTROL TO A DATABASE (CIP)
62.	50277-0410	OID 1999-166-01	09/746,580	12/20/00	TECHNIQUES FOR GRANTING SHARED LOCKS MORE EFFICIENTLY
63.	50277-0415	OID 1999-163-01	09/696,434	10/24/00	Using Secondary Resource Masters in conjunction with a Primary Resource Master for Managing Resources that are Accessible to a Plurality of Entities
64.	50277-1509	OID 2000-036-01	09/656,304	9/6/00	Method and Apparatus for Optimizing Computation of OLAP Ranking
65.	50277-1510	OID 2000-057-01	09/873,061	5/31/01	TECHNIQUES FOR AUTOMATICALLY DEVELOPING A WEB SITE
66.	50277-1511	OID 2000-058-01	09/872,235	5/31/01	Techniques for Automatically Provisioning a Database Over a Wide Area Network
67.	50277-1512	OID 2000-059-01	09/872,234	5/31/01	TECHNIQUES FOR AUTOMATICALLY INSTALLING AND CONFIGURING DATABASE APPLICATIONS
68.	50277-1513	OID 2000-060-01	09/872,067	5/31/01	TECHNIQUES FOR PROVIDING OFF-HOST STORAGE FOR A DATABASE APPLICATION
69.	50277-1514	OID 2000-061-01	09/872,932	5/31/01	TECHNIQUES FOR AUTOMATICALLY DISCOVERING A DATABASE DEVICE ON A NETWORK
70.	50277-1515	OID 2000-062-01	09/873,042	5/31/01	TECHNIQUES FOR MANAGING DATABASE SYSTEMS WITH A COMMUNITY SERVER
71.	50277-1517	OID 2000-041-01	09/871,476	5/30/01	Integrating Tablespaces with Different Block Sizes
72.	50277-1518	OID-2000-068-01PRO	60/204,196	5/12/00	Techniques and Features of an Internet File System (PRO)
73.	50277-1519	OID-2000-072-01-PRO	60/230,489	9/6/00	Mobile Device Platform (Provisional)
74.	50277-1520	OID-2000-072-01	09/948,057	9/5/01	Customizing Content Provided by a Service (original title was: Mobile Device Platform)
75.	50277-1521	OID-2000-039-01	09/771,292	1/25/01	PROCESSING IN PARALLEL UNITS OF WORK THAT PERFORM DML OPERATIONS ON THE SAME SPANNING ROWS
76.	50277-1522	OID-2000-055-01	09/851,065	5/7/01	Enabling Intra-Partition Parallelism for Partition-Based Operations
77.	50277-1524	OID 2000-006-02	09/729,810	12/4/00	Sharing Information Across Wireless Content Providers
78.	50277-1525	OID 2000-006-03	09/751,259	12/29/00	Mobile Surveys and Polling

	Attorney Docket No.	OID Docket No.	Appl. No.	Filing Date	Title
79.	50277-1526	OID 2000-006-04	10/095,803	3/19/02	MULTIMODAL SESSION SUPPORT ON DISTINCT MULTI CHANNEL PROTOCOL
80.	50277-1528	OID-2000-075-01	09/797,228	2/28/01	A Method for Fencing Shared Resources from Cluster Nodes
81.	50277-1529	OID1998-004-01-CIP	09/872,896	5/31/01	Virtually Partitioning User Data in a Database System
82.	50277-1531	OID 1997-47-01	09/286,124	4/2/99	Method and apparatus for facilitating object communication across a network
83.	50277-1534	OID-1999-160-01	09/653,928	9/1/00	DYNAMIC PERSONALIZED CONTENT RESOLUTION FOR A MEDIA SERVER
84.	50277-1541	OID-2000-105-01-PRO	60/218,851	7/13/00	SQL Spreadsheet Functions
85.	50277-1545	2000-078-01	09/728,909	12/1/00	Hierarchy-Based Secured Document Repository
86.	50277-1546	OID-2000-105-01	09/886,839	6/20/01	PERFORMING SPREADSHEET-LIKE CALCULATIONS IN A DATABASE SYSTEM
87.	50277-1556	OID 2000-131-01 PRO	60/222,817	8/4/00	Techniques for Implementing Mobile and Industrial Database Applications (Provisional)
88.	50277-1557	OID 2000-131-01	09/872,066	5/31/01	Maintaining State Information in Mobile Applications
89.	50277-1558	OID 2000-057-01 PRO	60/231,482	9/8/00	AUTOMATIC WEB SITES WITH DATABASES
90.	50277-1561	OID 2000-068-01	09/853,823	5/11/01	Nested Transactions in a File System
91.	50277-1564	OID 2000-127-01	09/949,020	9/6/01	METHOD AND APPARATUS FOR XML VISUALIZATION OF A RELATIONAL DATABASE AND UNIVERSAL RESOURCE IDENTIFIERS TO DATABASE DATA AND METADATA
92.	50277-1565	OID 2000-129-01	09/948,949	9/6/01	APPARATUS AND METHOD FOR MAPPING RELATIONAL DATA AND METADATA TO XML
93.	50277-1566	OID 2000-130-01	09/948,998	9/6/01	METHOD AND APPARATUS FOR FLEXIBLE STORAGE AND UNIFORM MANIPULATION OF XML DATA IN A RELATIONAL DATABASE SYSTEM
94.	50277-1567	OID 2000-132-01	09/705,433	11/3/00	Adaptive Hosted Text to Speech Processing
95.	50277-1575	OID 2000-127-01 PRO	60/230,878	9/7/00	XML Data Storage, Query Rewrites, Visualization, Mapping and Referencing
96.	50277-1576	OID 2000-135-01PRO	60/241,959	10/19/00	Data Integrity Verification Mechanism

	Attorney Docket No.	OIC Docket No.	Appl. No.	Filing Date	Title
97.	50277-1588	OID 1995-22-DIV1	09/798,617	3/1/01	Deadlock Detection Based On Information Stored In Distributed Objects That Participate In A Distributed Lock Management System
98.	50277-1589	OID 1995-22-DIV2	09/798,647	3/1/01	Using Distributed Information About Lock Conversion Requests To Efficiently Manage Lock State Transitions
99.	50277-1590	OID 1995-22-DIV3	09/798,610	3/1/01	Efficiently Initiating Lock State Transitions For Distributed Resource Objects That Participate In A Distributed Lock Management System
100.	50277-1591	OID 1995-22-DIV4	09/797,632	3/1/01	Efficiently Distributing Information Used For Lock Management Between Distributed Resource Objects
101.	50277-1592	OID 1995-22-DIV5	09/798,620	3/1/01	Efficiently Distributing Information Used For Lock Management Among Distributed Resource Objects Using Sequence Numbers
102.	50277-1593	OID 1995-22-DIV6	09/798,618	3/1/01	Using Distributed Information About Lock Conversion Requests To Efficiently Manage Lock State Transitions
103.	50277-1594	OID 1995-22-DIV7	09/798,629	3/1/01	Efficient Lock State Transitions In A Distributed System
104.	50277-1600	OID 2000-114-01 PRO	60/240,165	10/12/00	A new object oriented framework to provide an exclusive view of a shared resource that implements efficient task scheduling and monitoring in distributed systems with bounded resources.
105.	50277-1605	OID 1997-016-06CON	09/676,262	9/28/00	Method and Apparatus for Incorporating State Information Into a URL
106.	50277-1606	OID 2000-153-01	09/872,986	5/31/01	Techniques for Navigating in Mobile Applications
107.	50277-1607	OID 2000-154-01	09/872,566	5/31/01	Techniques for Supporting Multiple Devices in Mobile Applications
108.	50277-1608	OID 2000-155-01	09/872,978	5/31/01	Techniques for Programming Event-Driven Transactions in Mobile Applications
109.	50277-1619	OID 1995-56-39-con	09/501,353	2/9/00	Controlled Execution of Partioned Code
110.	50277-1621	OID 2000-158-01PRO	60/295,104	6/1/01	Consistent Read in a Distributed Database Environment
111.	50277-1632	OID 2000-114-01	09/960,006	9/20/01	Providing An Exclusive View Of A Shared Resource
112.	50277-1633	OID 2000-135-01	09/765,680	1/18/01	Data Integrity Verification Mechanism
113.	50277-1639	OID1997-53-04con	09/775,886	2/2/01	APPLICATION CODE CONVERSION ARCHITECTURE

	Attorney Docket No.	OID Docket No.	Appl. No.	Filing Date	Title
114.	50277-1646	OID 1993-06-CON2-R	09/757,399	1/5/01	Method and Apparatus for Implementing Parallel Operations in a Database Management System
115.	50277-1653	OID 2000-166-01	09/871,853	5/31/01	Method and Apparatus for Reducing Latency and Message Traffic During Data and Lock Transfer in a Multi-Node System
116.	50277-1678	OID 1997-11-05CON	09/748,408	12/22/00	Method and Apparatus for Making Available Data that was Locked by a Dead Transaction before Rolling Back the Entire Dead Transaction
117.	50277-1680	OID 1997-003-02CON	09/758,628	1/10/01	Method and Apparatus for Propagating Commit Times Between a Plurality of Database Servers
118.	50277-1681	OID 2000-198-01	09/872,267	5/31/01	Techniques for Time-Based Retention of a Reusable Resource
119.	50277-1682	OID 2000-200-01	09/872,243	5/31/01	DYNAMIC PARTITIONING OF A REUSABLE RESOURCE
120.	50277-1683	OID 2000-196-01 PRO	60/293,844	5/24/01	Techniques for Resuming a Transaction after an Error
121.	50277-1687	OID 2001-001-01 PRO	60/285,577	4/20/01	Method for Web Client Response-Time Measurement
122.	50277-1688	OID 2001-002-01	09/863,236	5/21/01	Group Pruning from Cube, Rollup and Grouping Sets
123.	50277-1689	OID 2000-201-01	09/947,910	9/5/01	Providing Content from Multiple Services
124.	50277-1690	OID 2000-202-01	09/948,135	9/5/01	Accessing Data Stored at an Intermediary from a Service
125.	50277-1691	OID 2000-203-01	09/948,056	9/5/01	Developing Applications Online
126.	50277-1716	OID 2001-035-01	09/872,646	5/31/01	One Click Deployment
127.	50277-1718	OID 2001-026-01 PRO	60/274,270	3/7/01	Methods to Perform Disk Writes in a Distributed Shared Disk System Needing Consistency Across Failures
128.	50277-1719	OID 2001-021-01	09/922,424	8/3/01	Victim Selection for Deadlock Detection
129.	50277-1724	OID 1997-010-14 DIV	09/810,120	3/15/01	Approach for Accessing Large Objects
130.	50277-1725	OID 2001-026-01	10/091,618	3/4/02	Methods to Perform Disk Writes in a Distributed Shared Disk System Needing Consistency Across Failures
131.	50277-1732	OID 2001-020-01	10/044,457	1/11/02	VISUALLY ORGANIZING AND HIGHLIGHTING A LIST OF ITEMS TO SHOW HOW THEY SATISFY MULTIPLE CRITERIA SELECTED BY A USER
132.	50277-1734	OID 2001-032-01	09/866,143	5/25/01	Management and Synchronization Application for Network File System
133.	50277-1735	OID 2001-037-01	09/912,458	7/24/01	Distributed Service Aggregation and Composition
134.	50277-1736	OID 2001-038-01	09/866,111	5/25/01	Mechanism for Automatically Configuring a Network Resource

	Attorney Docket No.	OID Docket No.	Appl. No.	Filing Date	Title
135.	50277-1737	OID 2001-036-01	10/120,634	4/10/02	Transforming Transactions To Increase Parallelism When Replicating
136.	50277-1738	OID 2001-051-01	10/107,106	3/26/02	Incremental Refresh of Materialized Views Containing Rank Function, and Rewrite of Queries Containing Rank or Rownumber or Min/Max Aggregate Functions Using Such A Materialized View
137.	50277-1744	OID 1997-06-05-con	09/894,640	6/27/01	Using a Checkpoint to Manage Data that is Shared by a Plurality of Nodes
138.	50277-1745	OID 1997-008-09-CON	09/843,388	4/25/01	Method and System for Controlling Recovery Downtime
139.	50277-1746	OID 2001-066-01	10/124,908	4/17/02	Database Management System for Implementing Independent Database Actions in Response to Events of Interest
140.	50277-1747	OID 2001-001-01	09/945,160	8/31/01	TECHNIQUES FOR SERVER-CONTROLLED MEASUREMENT OF CLIENT-SIDE PERFORMANCE
141.	50277-1748	OID 2001-052-01	10/118,203	4/5/02	Retry Technique for Multi-Tier Network Communication Systems
142.	50277-1752	OID 2001-108-01-PRO	60/289,716	5/8/01	Customer Relationship Management
143.	50277-1753	OID 2001-108-01	09/940,870	8/27/01	Techniques for Managing Resources for Multiple Exclusive Groups
144.	50277-1754	OID 2001-082-01	09/968,617	9/28/01	TECHNIQUES FOR PEER-TO-PEER REPLICATION OF OBJECTS IN A RELATIONAL DATABASE
145.	50277-1755	OID 2001-083-01	10/006,605	12/5/01	Object-Oriented Materialized Views
146.	50277-1756	OID 2001-084-01	09/968,568	9/28/01	Incremental Refresh of Materialized Views For Many-to-Many Relationships
147.	50277-1757	OID 2001-089-01	09/967,856	9/28/01	TECHNIQUES FOR ADDING A MASTER IN A DISTRIBUTED DATABASE WITHOUT SUSPENDING DATABASE OPERATIONS AT EXTANT MASTER SITES
148.	50277-1758	OID 2001-091-01	09/968,703	9/28/01	Online Reorganization and Redefinition of Relational Database Tables
149.	50277-1763	OID 2001-105-01	10/056,716	1/22/02	Semantic Response to Lock Requests to Reduce Coherence Overhead in Multi-Node Systems
150.	50277-1764	OID 2001-054-01	09/965,334	9/25/01	TECHNIQUES FOR MODIFYING A COMPILED APPLICATION
151.	50277-1766	OID 2001-125-01	10/040,578	12/28/01	Property Bundles on a Per Instance Basis
152.	50277-1767	OID 2001-126-01	10/040,500	12/28/01	Categories on a Per Instance Basis

	Attorney Docket No.	OID Docket No.	Appl. No.	Filing Date	Title
153.	50277-1768	OID 2001-127-01	10/040,499	12/28/01	Policies on a Per Instance Basis
154.	50277-1769	OID 2000-196-01	09/993,855	11/13/01	Techniques for Resuming a Transaction after an Error
155.	50277-1774	OID 2001-090-01	10/006,543	11/30/01	Techniques for Adding Multiple Security Policies to a Database System
156.	50277-1775	OID 1997-059-01-CON	09/896,373	6/28/01	Partitioning Ownership of a Database Among Different Database Servers to Control Access to the Database
157.	50277-1776	OID 2001-026-02	10/092,047	3/4/02	Managing Checkpoint Queues in a Multiple Node System
158.	50277-1777	OID 2001-145-01 PRO	60/298,437	6/15/01	MANAGING XML IN A DATABASE
159.	50277-1779	OID 1997-06-05-CON2	09/894,636	6/27/01	Transferring a Resource Between Caches of Different Nodes
160.	50277-1782	OID 1997-06-05-CON5	09/894,757	6/27/01	Recovering Data from a Failed Cache Using a Surviving Cache
161.	50277-1783	OID 1997-06-05-CON6	09/894,635	6/27/01	Managing a Resource Used by a Plurality of Nodes
162.	50277-1784	OID 2001-154-01-PRO	60/301,310	6/26/01	Business Rule Implementation Framework and Repository for Software Development
163.	50277-1786	OID 2001-149-01	09/945,135	8/31/01	Techniques for Managing Configuration for a System of Devices Arranged in a Network
164.	50277-1787	OID 2001-150-01	09/945,438	8/31/01	Techniques for Managing a Database System Including One or More Database Servers
165.	50277-1794	OID 2000-006-04PRO	60/306,704	7/20/01	Multimodal Session Support on Distinct Multichannel Protocol
166.	50277-1803	OID 2001-124-01	10/154,751	5/23/02	Partition Exchange Loading Technique for Fast Addition of Data to a Data Warehousing System
167.	50277-1804	OID 2001-112-01	10/084,642	2/26/02	Evaluation of Rollups with Distinct Aggregates by Using Sequence of Sorts and Partitioning By Measures
168.	50277-1805	OID 2001-056-01	10/059,616	1/28/02	Incremental Refresh of Materialized Views with Joins and Aggregates after Arbitrary DML Operations to Multiple Tables
169.	50277-1806	OID 2001-180-01	09/968,067	9/28/01	Technique for Moving Data Into a Database System
170.	50277-1815	2000-158-01	10/119,672	4/9/02	Consistent Read in a Distributed Database Environment
171.	50277-1819	OID 2001-191-01PRO	60/326,052	9/28/01	File Based Access Provided With a Database System
172.	50277-1821	OID 2001-202-01	10/077,828	2/15/02	Evaluation of Hierarchical Cubes By Nesting Rollups
173.	50277-1822	OID 2001-203-01	10/084,597	2/26/02	Evaluation of Grouping Sets by Reduction to Group-by Clause, with or without a Rollup Operator, Using Temporary Tables

	Attorney Docket No	OIC Docket No.	Appl. No.	Filing Date	Title
174.	50277-1825	OID 2001-190-01-PRO	60/324,722	9/24/01	Functional Specification for Multilanguage Application Debugging Infrastructure, RDBMS/PLSQL/JAVA
175.	50277-1838	OID 2001-156-01	10/354,692	1/29/03	Operator Approach for Generic Dataflow Designs
176.	50277-1840	OID 2001-198-01	10/177,440	6/20/02	Linear Instance Mapping For Query Rewrite
177.	50277-1841	OID 1997-53-01-R	10/021,783	12/13/01	Method and Apparatus for Copying Data That Resides in a Database
178.	50277-1842	OID 2001-208-01	10/155,412	5/23/02	Partition Exchange Technique for Operating a Data Warehousing System
179.	50277-1845	OID 2001-083-01PRO	60/326,275	9/28/01	Object-Oriented Materialized Views
180.	50277-1846	OID 2001-210-01PRO	60/326,346	9/28/01	BITMAP JOIN INDEX
181.	50277-1847	OID 2001-084-01-CIP	09/969,938	10/2/01	Incremental Refresh of Materialized Views for Many-to-Many Relationships
182.	50277-1849	OID 2001-211-01PRO	60/326,739	10/2/01	IMPLEMENTING AN ETL TOOLKIT IN A DATABASE SYSTEM
183.	50277-1850	OID 2001-199-01	10/118,762	4/8/02	Efficient Processing of Multi-Column And Function Based In-List Predicates
184.	50277-1853	OID 2001-211-01	10/159,812	5/31/02	Parallel Transfer of Data from One or More External Sources Into a Database System
185.	50277-1854	OID 2000-135-01CIP1	10/133,002	4/25/02	Enhancements to Data Integrity Verification Mechanism
186.	50277-1855	OID 2001-175-01	10/160,585	5/30/02	Automatic Discovery and Use of Column Correlations in Tables
187.	50277-1857	OID 2001-210-01	10/186,461	6/28/02	Techniques for Eliminating Database Table Joins Based on a Join Index
188.	50277-1862	OID 2001-190-01	10/144,144	5/10/02	Techniques for Debugging Computer Programs Involving Multiple Programming Languages
189.	50277-1863	OID 2001-215-01	10/160,128	5/30/02	Deferred Piggybacked Messaging Mechanism for Session Reuse
190.	50277-1865	OID 2001-190-02	10/143,890	5/10/02	Techniques for Debugging Computer Programs Involving Multiple Computing Machines
191.	50277-1866	OID 2001-214-01 PRO	60/337,359	11/30/01	Realizing Session and Synchronous Semantics Based on Asynchronous Messaging Protocols
192.	50277-1869	OID 2000-111-01	10/020,088	12/12/01	COMPUTER-BASED PRE-EXECUTION ANALYSIS AND VERIFICATION UTILITY FOR SHELL SCRIPTS
193.	50277-1870	OID 2001-154-01-PRO2	60/346,736	1/7/02	Generating Applications from XML Defining Structure of Application
194.	50277-1873	OID 1996-43-02	08/873,644	6/11/97	Method and Apparatus for Reducing Inefficiencies Caused by Sending Multiple Commands to a Server

	Attorney Docket No.	OIC Docket No.	Appl. No.	Filing Date	Title
195.	50277-1879	OID 2001-214-01	10/097,389	3/12/02	Servicing Requests that are Issued in a Protocol other than the Protocol Expected by the Service
196.	50277-1889	OID 2001-156-01-PRO	60/353,796	1/30/02	Operator Approach for Data Flow Design
197.	50277-1890	OID 2002-012-01-PRO	60/353,270	2/1/02	Rule Based Security System
198.	50277-1895	OID 2002-013-01	10/146,620	5/14/02	Techniques for Generating Rules for a Dynamic Rule-Based System that Responds to Requests for a Resource on a Network
199.	50277-1896	OID 2002-012-01	10/146,335	5/14/02	Techniques for Dynamic Rule-Based Response to a Request for a Resource on a Network
200.	50277-1897	OID 2002-031	10/173,470	6/14/02	REPRESENTING DELTAS BETWEEN XML VERSIONS USING XSLT
201.	50277-1899	OID 2002-033	10/173,466	6/14/02	REDUCING MEMORY REQUIREMENTS NEEDED TO REPRESENT XML ENTITIES
202.	50277-1900	OID 2002-034	10/171,796	6/13/02	Callback Structures for User Defined DOMs
203.	50277-1901	OID 2001-194-01-PRO	60/379,899	5/10/02	Providing a Useable Version of a Data Item
204.	50277-1904	OID 2002-023-01	10/153,094	5/21/02	Evaluating Queries with Outer Joins by Categorizing and Processing Combinations of Relationships Between Table Records
205.	50277-1922	OID 2000-054-01	09/540,977	3/31/00	A System for Creating and Maintaining a Web Site
206.	50277-1923	OID 2000-053-01	09/540,092	3/31/00	A Self Service System for Web Site Publishing
207.	50277-1938	OID 2001-243-01-PRO	60/370,963	4/8/02	Personalized Content Within a Global Namespace
208.	50277-1939	OID 1997-70-02 CON	10/158,757	5/29/02	Method and System for Managing Storage Systems Containing Multiple Data Storage Devices
209.	50277-1940	OID 1997-71-01-DIV	10/125,911	4/18/02	Performing 2-Phase Commit with Presumed Prepare
210.	50277-1941	OID 2002-045-01	10/159,223	5/31/02	Method and Apparatus for Controlling Data Provided to a Mobile Device
211.	50277-1943	OID 2002-056-01 DIV1	10/133,541	4/25/02	Method and Apparatus that Provides a Scalable Media Delivery System
212.	50277-1945	OID 1999-162-01	09/804,672	3/9/01	System and Method for Maintaining Large-Grained Database Concurrency with a Log Monitor Incorporating Dynamically Redefinable Business Logic
213.	50277-1947	OID 1999-165-01	09/662,776	9/15/00	System and Method for Dynamically Evaluating an Electronic Commerce Business Model Through Click Stream Analysis

	Attorney Docket No.	OIC Docket No.	Appl. No.	Filing Date	Title
214.	50277-1949	OID 1999-182-01	09/627,818	7/28/00	System and Method for Performing Data Backups with a Stochastic Scheduler in a Distributed Computing Environment
215.	50277-1950	OID 2000-115-01	09/654,998	8/31/00	System and Method for Dynamically Generating Web Document Content Using a Rules-Base Engine and Implicit Template Hierarchy
216.	50277-1952	OID 2000-138-01	09/898,407	7/3/01	System and Method for Flexibly Storing Computer Telephony Messages as Structured Objects in a Unified Mail Store
217.	50277-1953	OID 2000-184-01	09/898,400	7/3/01	System and Method for Providing Access to a Unified Message Store Logically Storing Computer Telephony Messages
218.	50277-1955	OID 2000-167-01	10/073,669	2/11/02	System and Method for Providing a Java Code Release Infrastructure with Granular Code Patching
219.	50277-1956	OID 2000-191-01 PRO	60/272,386	2/28/01	System and Method for Providing Highly Available Database Performance
220.	50277-1957	OID 2000-191-01	10/086,782	2/28/02	System and Method for Providing Cooperative Resource Groups for High Availability Applications
221.	50277-1958	OID 2000-192-01	10/086,949	2/28/02	System and Method for Providing Out-of-Band Notification of Service Changes
222.	50277-1959	OID 2000-193-01	10/087,494	2/28/02	System and Method for Detecting Termination of an Application Instance Using Locks
223.	50277-1960	OID 2000-195-01	10/086,842	2/28/02	System and Method for Pre-Compiling a Source Cursor into a Target Library Cache
224.	50277-1961	OID 2001-129-01	09/998,095	11/30/01	System and Method for Actively Managing an Enterprise of Configurable Components
225.	50277-1963	OID 2001-176-01	09/997,759	11/30/01	Application-Independent System and Process for Dynamically Generating Low-Complexity Graphics Embedded as Web Content Using a Tag-Delimited Script
226.	50277-1964	OID 2001-197-01 PRO	60/335,653	10/24/01	Construction Descriptor Segment for Constructing Objects/Record Instances
227.	50277-1965	OID 2001-243-01 PRO2	60/372,186	4/12/02	Approach for Personalized Content Within a Global Namespace
228.	50277-1966	OID 2002-062-01 PRO	60/375,726	4/26/02	Integrating Online Analytical Processing (OLAP) Functions Into A Relational Database Management System (RDBMS)
229.	50277-1972	OID 2001-262-01 PRO	60/340,146	12/14/01	Eye Tracking in Web Search Tasks: Design Implications

	Attorney Docket No.	OIC Docket No.	Appl. No.	Filing Date	Title
230.	50277-1973	OID 2002-064-01 PRO	60/379,870	5/10/02	Online Analytical Processing (OLAP) Operations and Access Structures for Data Stored in a Relational Database
231.	50277-1983	OID 2002-070-01 PRO	60/378,800	5/7/02	SQL Access to Data that Provides a File System Abstraction
232.	50277-1984	OID 1993-06-CON2-R-DIV	10/153,983	5/22/02	Method and Apparatus for Implementing Parallel Operations in a Database Management System
233.	50277-1985	OID 1997-069-01-CON	10/171,728	5/28/02	Maintenance of Hierarchical Index in a Relational System
234.	50277-1986	OID 2001-210-01-PRO2	60/378,841	5/7/02	Techniques for Eliminating Database Table Joins Based on a Join Index
235.	50277-1987	OID 2001-175-01-PRO	60/378,844	5/7/02	Automatic Discovery and Use of Column Correlations in Tables
236.	50277-1988	OID 2001-215-01PRO	60/378,875	5/7/02	Deferred Piggybacked Messaging Mechanism for Session Reuse
237.	50277-1989	OID 2001-235-01PRO	60/378,872	5/7/02	Providing Common Memory Management Code to Objects That Are Instances of Different Classes
238.	50277-1990	OID 2001-236-01PRO	60/378,871	5/7/02	Simplified Deallocation of Memory For Programming Objects
239.	50277-1991	OID 2002-053-01 PRO	60/378,018	5/10/02	Managing Expressions in a Database System
240.	50277-1994	OID 2001-189-01 PRO	60/385,020	5/30/02	Method and Apparatus for Exchanging Communications Between Heterogeneous Applications
241.	50277-1995	OID 2001-208-01 PRO	60/379,069	5/8/02	Partition Exchange Technique for Operating a Database System
242.	50277-1996	OID 2001-211-01 PRO	60/379,072	5/8/02	Automatic Parallel Access of External Data via External Tables
243.	50277-1998	OID 2002-034-PRO	60/379,089	5/8/02	Call Back Structures for User Defined DOMs
244.	50277-2002	OID 2002-024-01 PRO	60/379,827	5/10/02	Techniques for Determining Effects on System Performance of a Memory Management Parameter
245.	50277-2003	OID 2001-255-01 PRO	60/379,890	5/10/02	System and Method for Providing a Client-Server Application Testing Framework for Network-Enabled Applications
246.	50277-2004	OID 2002-070-02 PRO	60/379,872	5/10/02	Versioning XDB
247.	50277-2005	OID 2001-157-01 PRO	60/382,360	5/20/02	Footnotes in Online Oracle Reference Manuals
248.	50277-2007	OID 2002-088-01 PRO	60/378,016	5/10/02	Time Based Sharing of Flashback-Cursors
249.	50277-2008	OID 2001-170-02	10/144,439	5/10/02	Schema Evolution of Complex Objects
250.	50277-2023	OID 2002-099-01-PRO	60/383,498	5/24/02	Dynamic Disk Space Management in a Cluster Configuration
251.	50277-2025	OID 2002-031-PRO	60/384,693	5/31/02	Representing Deltas Between Versions Using XSLT

	Attorney Docket No.	OID Docket No.	Appl. No.	Filing Date	Title
252.	50277-2026	OID 2001-226-01-PRO	60/384,206	5/29/02	Platform Independent Core Dump Analysis
253.	50277-2027	OID 1998-14-01 CON	10/167,207	6/10/02	Anticipatory Lock Mode Conversions in a Lock Management System
254.	50277-2031	OID 2001-235-01-PRO2	60/384,647	5/31/02	Providing Common Memory Management Code to Objects that are Instances of Different Classes
255.	50277-2032	OID 2001-236-01-PRO2	60/384,646	5/31/02	Simplified Deallocation of Memory for Programming Objects
256.	50277-2033	OID 2002-033-PRO	60/384,583	5/31/02	REDUCING MEMORY REQUIREMENTS NEEDED TO REPRESENT XML ENTITIES
257.	50277-2034	OID 2001-197-01-PRO2	60/385,543	6/3/02	Constructor Descriptor Segment for Constructing Object/Record Instances

IN THE UNITED STATES
PATENT AND TRADEMARK OFFICE

PATENT ASSIGNMENT

WHEREAS, in consideration of good and valuable consideration, the receipt of which is hereby acknowledged, **Oracle Corporation**, a corporation of Delaware, with a place of business at 500 Oracle Parkway, Redwood Shores, California 94065, hereinafter referred to as "**Assignor**," has sold, assigned, transferred and set over, unto **Oracle International Corporation (OIC)**, a corporation of California, with a place of business at 500 Oracle Parkway, Redwood Shores, California 94065, hereinafter referred to as "**Assignee**," its successors, legal representatives and assigns, **Assignor's** entire right, title and interest in, to, and under the issued patents and provisional and non-provisional pending applications listed on the attached Schedule A, as well as any divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all applications for Letters Patent which may hereafter be filed for inventions embodied by said pending applications in any country or countries foreign to the United States, and all Letters Patent which may be granted for said inventions embodied by said pending applications in any country or countries foreign to the United States and all extensions, renewals and reissues thereof and all rights of priority in any such country or countries based upon the filing of said pending applications in the United States which are created by any law, treaty or international convention; and **Assignor** hereby authorizes and requests the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty is to issue patents on any such applications as aforesaid, to issue all Letters Patent for said inventions to **Oracle International Corporation**, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND Assignor does hereby covenant that it had full right to convey the entire interest herein assigned, and that Assignor has not executed, and will not execute, any agreement in conflict herewith.

AND Assignor does further hereby covenant and agree that it will communicate to said Assignee, its successors, legal representatives and assigns, any facts known to it respecting said pending applications, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything reasonably necessary to aid said Assignee, its successors, legal representatives and assigns, to obtain and enforce any attendant rights in all countries.

Schedule A
Patent Applications

	Attorney Docket No.	OIC Docket No.	Appl. No.	Filing Date	Title
1.	50277-0014	OID-1995-22	08/669,689	6/24/96	Method And Apparatus For Lock Caching
2.	50277-0075	OID1996-035-01	08/794,269	2/3/97	Web Request Broker Controlling Multiple Processes
3.	50277-0125	OID-1997-011-02	09/156,548	9/17/98	Parallel Transaction Recovery
4.	50277-0144	OID 1997-29-03	08/960,556	10/31/97	Data Type Mapping for External Callouts
5.	50277-0183	OID 1997-006-05 PRO	60/074,587	2/13/98	Cache Fusion
6.	50277-0184	OID 1997-053-03	09/032,176	2/27/98	Using Logical Item Groups to Manage Sourcing Rules and Bills of Distribution in Manufacturing and Distribution Planning
7.	50277-0210	OID 1997-006-06	09/298,603	4/23/99	Communication Architecture for Distributed Computing Environment
8.	50277-0235	OID-1998-001-01	09/258,037	2/25/99	Managing The Size And Accessibility Of A Name Service
9.	50277-0236	OID-1998-002-01	09/258,013	2/25/99	Determining The Participants In A Distributed Operation
10.	50277-0242	OID-1997-071-04	09/266,046	3/10/99	Using a Resource Manager to Coordinate the Committing of a Distributed Transaction
11.	50277-0263	OID 1997-083-01	09/266,703	3/11/99	Approach for Performing Administrative Functions in Information Systems
12.	50277-0267	OID-1998-023-01	09/347,439	7/2/99	Scalable Multiple Address Space Server
13.	50277-0269	OID-1998-025-01	09/405,980	9/27/99	PARTITION PRUNING WITH COMPOSITE PARTITIONING
14.	50277-0273	OID 1998-006-01	09/318,518	5/25/99	Extending the Attributes of an Application Generated Using a Fourth Generation Programming Tool
15.	50277-0277	OID-1998-25-02	09/406,482	9/27/99	Parallel Partition-Wise Joins
16.	50277-0289	OID 1999-001-01	09/307,043	5/7/99	Resource Locking Approach
17.	50277-0290	OID 1999-002-01 PRO	60/147,538	8/5/99	Versioning in Internet File System (IFS)
18.	50277-0297	OID 1999-011-01	09/415,031	10/7/99	Managing Parallel Execution of Work Granules According to Their Affinity
19.	50277-0298	OID 1999-012-01	09/415,033	10/7/99	Distributing Workload Between Resources Used to Access Data
20.	50277-0299	OID 1999-002-02	09/571,508	5/15/00	Multi-Model Access to Data
21.	50277-0300	OID 1999-002-003	09/571,496	5/15/00	File System that Supports Transactions

IN WITNESS WHEREOF, Oracle Corporation has caused this instrument to be signed by a duly authorized corporate officer and its corporate seal to be affixed, as of this __11 th__ day of __April__ , 2003.

Oracle Corporation

By: _Daniel Cooperma_

Name: Daniel Cooperman

Title: Senior Vice President and General Counsel

	Attorney Docket No.	OIC Docket No.	Appl. No.	Filing Date	Title
22.	50277-0301	OID 1999-002-04	09/571,060	5/15/00	Stored Query Directories
23.	50277-0302	OID 1999-002-05	09/571,036	5/15/00	Event Notification System Tied to File System
24.	50277-0304	OID 1999-002-07	09/571,568	5/15/00	On-the-Fly Format Conversion
25.	50277-0305	OID 1999-021-01	09/493,660	1/28/00	Techniques For DLM Optimization With Re-Mapping Responsibility For Lock Management
26.	50277-0307	OID 1999-027-01	09/360,286	7/22/99	A Method for Computing the Degree of Parallelism in a Multi-User Environment
27.	50277-0309	OID 1999-020-01 PRO	60/124,774	3/17/99	Single Application to Service an Arbitrary Client
28.	50277-0310	OID 1999-033-01	09/513,724	2/24/00	Defining Instead-Of Triggers Over Nested Collection Columns of Views
29.	50277-0312	OID 1999-020-01	09/454,515	12/6/99	Providing Clients with Services that Retrieve Data from Data Sources That Do Not Necessarily Support the Format Required by the Clients
30.	50277-0314	OID 1999-055-01 PRO	60/129,658	4/16/99	Multidimensional Repositories for Problem Discovery and Capacity Planning of Oracle Applications (Provisional)
31.	50277-0315	OID 1999-056-01	09/433,827	11/3/99	Finding the Top N Values Through the Execution of a Query
32.	50277-0317	OID 1999-057-01	09/436,053	11/8/99	Using Global Temporary Tables to Transform Queries
33.	50277-0331	OID 1999-081-01	09/428,295	10/27/99	Transmitting Data Reliably and Efficiently
34.	50277-0333	OID 1999-055-01	09/549,824	4/14/00	Multidimensional Repositories for Problem Discovery and Capacity Planning of Database Applications
35.	50277-0335	OID-1999-073-01	09/478,946	1/6/00	Preserving Consistency of Passively-Replicated Non-Deterministic Objects
36.	50277-0342	OID-1999-122-01	09/652,384	8/31/00	Managing Replacement of Data in a Cache on a Node Based On Caches of Other Nodes
37.	50277-0345	OID 1999-129-01 PRO	60/147,217	8/4/99	Multi-Device Support for Mobile Applications Using XML (Provisional)
38.	50277-0346	OID 1999-114-01PRO	60/147,213	8/4/99	Method and System for Business to Business Data Interchange Using XML (Provisional)
39.	50277-0351	OID 1999-114-01	09/550,300	4/14/00	Method and System for Business to Business Data Interchange Using XML
40.	50277-0352	OID 1999-129-01	09/631,884	8/4/00	Multi-Device Support for Mobile Applications Using XML
41.	50277-0353	OID 1999-002-01	09/571,696	5/15/00	Versioning in Internet File System

	Attorney Docket No.	OIC Docket No.	Appl. No.	Filing Date	Title
42.	50277-0356	OID's-1999-146-01PRO & 1999-147-01PRO	60/153,464	9/9/99	ACID Compliant Transaction and Distributed Transaction Architecture Across HTTP and Active Simulation to Optimize Transaction Quantums Across HTTP
43.	50277-0357	OID-1999-147-01	09/658,658	9/8/00	Monitoring Latency of a Network to Manage Termination of Distributed Transactions
44.	50277-0358	OID-1999-146-01	09/715,955	11/17/00	Asynchronous Transaction Object Management System
45.	50277-0367	OID-1999-093-01	09/675,195	9/29/00	Using Transportable Tablespaces for Hosting Data of Multiple Users
46.	50277-0368	OID 1999-138-01	09/478,945	1/6/00	Indexing Key Ranges
47.	50277-0370	OID-1997-010-09DIV	09/547,191	4/11/00	Object Views for Relational Data (DIVISIONAL)
48.	50277-0374	OID 1999-142-01	09/715,956	11/17/00	Coordinating a Distributed Transaction Between Participants Unable to Follow a Two-Phase Commit
49.	50277-0376	OID-1999-173-01 thru 04 PRO	60/166,598	11/19/99	Debugging Techniques and Fast SGA Dumps to File for Deferred Analysis of the Database (Provisional)
50.	50277-0377	OID-1999-173-01	09/649,310	8/28/00	Method and Apparatus for Debugging a Software Program
51.	50277-0378	OID-1999-173-02	09/717,187	11/20/00	Method and Apparatus for Debugging A Software Program Using Dynamic Debug Patches and Copy On Write Views
52.	50277-0379	OID-1999-173-03	09/717,162	11/20/00	Fast Database State Dumps to File for Deferred Analysis of a Database
53.	50277-0380	OID-1999-173-04	09/717,161	11/20/00	A Debug and Data Collection Mechanism Utilizing a Difference in Database State by Using Consecutive Snapshots of the Database State
54.	50277-0383	OID 1999-021-02	09/493,673	1/28/00	Techniques For DLM Optimization With Transferring Lock Information
55.	50277-0384	OID 1999-021-03	09/493,659	1/28/00	Techniques For DLM Optimization With Re-Mastering Events
56.	50277-0385	OID 2000-006-01 PRO	60/184,211	2/22/00	Using One Device to Configure and Emulate Web Site Content to Be Displayed on Another Device
57.	50277-0386	OID 2000-006-01	09/773,982	1/31/01	Using One Device to Configure and Emulate Web Site Content to Be Displayed on Another Device
58.	50277-0406	OID 1999-157-01	09/715,552	11/17/00	Distributing Data Items to Corresponding Buckets for Use in Parallel Operations
59.	50277-0407	OID 1999-094-01	09/565,787	5/5/00	DIAGNOSING CRASHES IN DISTRIBUTED COMPUTING SYSTEMS

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60.	50277-0408	OID 1999-088-01	09/630,441	8/2/00	Locally Executed Filtering in Parallel Sort Operations
61.	50277-0409	OID 2000-015-01	09/589,602	6/7/00	PARTITIONED ACCESS CONTROL TO A DATABASE (CIP)
62.	50277-0410	OID 1999-166-01	09/746,580	12/20/00	TECHNIQUES FOR GRANTING SHARED LOCKS MORE EFFICIENTLY
63.	50277-0415	OID 1999-163-01	09/696,434	10/24/00	Using Secondary Resource Masters in conjunction with a Primary Resource Master for Managing Resources that are Accessible to a Plurality of Entities
64.	50277-1509	OID 2000-036-01	09/656,304	9/6/00	Method and Apparatus for Optimizing Computation of OLAP Ranking
65.	50277-1510	OID 2000-057-01	09/873,061	5/31/01	TECHNIQUES FOR AUTOMATICALLY DEVELOPING A WEB SITE
66.	50277-1511	OID 2000-058-01	09/872,235	5/31/01	Techniques for Automatically Provisioning a Database Over a Wide Area Network
67.	50277-1512	OID 2000-059-01	09/872,234	5/31/01	TECHNIQUES FOR AUTOMATICALLY INSTALLING AND CONFIGURING DATABASE APPLICATIONS
68.	50277-1513	OID 2000-060-01	09/872,067	5/31/01	TECHNIQUES FOR PROVIDING OFF-HOST STORAGE FOR A DATABASE APPLICATION
69.	50277-1514	OID 2000-061-01	09/872,932	5/31/01	TECHNIQUES FOR AUTOMATICALLY DISCOVERING A DATABASE DEVICE ON A NETWORK
70.	50277-1515	OID 2000-062-01	09/873,042	5/31/01	TECHNIQUES FOR MANAGING DATABASE SYSTEMS WITH A COMMUNITY SERVER
71.	50277-1517	OID 2000-041-01	09/871,476	5/30/01	Integrating Tablespaces with Different Block Sizes
72.	50277-1518	OID-2000-068-01PRO	60/204,196	5/12/00	Techniques and Features of an Internet File System (PRO)
73.	50277-1519	OID-2000-072-01-PRO	60/230,489	9/6/00	Mobile Device Platform (Provisional)
74.	50277-1520	OID-2000-072-01	09/948,057	9/5/01	Customizing Content Provided by a Service (original title was: Mobile Device Platform)
75.	50277-1521	OID-2000-039-01	09/771,292	1/25/01	PROCESSING IN PARALLEL UNITS OF WORK THAT PERFORM DML OPERATIONS ON THE SAME SPANNING ROWS
76.	50277-1522	OID-2000-055-01	09/851,065	5/7/01	Enabling Intra-Partition Parallelism for Partition-Based Operations
77.	50277-1524	OID 2000-006-02	09/729,810	12/4/00	Sharing Information Across Wireless Content Providers
78.	50277-1525	OID 2000-006-03	09/751,259	12/29/00	Mobile Surveys and Polling

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79.	50277-1526	OID 2000-006-04	10/095,803	3/19/02	MULTIMODAL SESSION SUPPORT ON DISTINCT MULTI CHANNEL PROTOCOL
80.	50277-1528	OID-2000-075-01	09/797,228	2/28/01	A Method for Fencing Shared Resources from Cluster Nodes
81.	50277-1529	OID1998-004-01-CIP	09/872,896	5/31/01	Virtually Partitioning User Data in a Database System
82.	50277-1531	OID 1997-47-01	09/286,124	4/2/99	Method and apparatus for facilitating object communication across a network
83.	50277-1534	OID-1999-160-01	09/653,928	9/1/00	DYNAMIC PERSONALIZED CONTENT RESOLUTION FOR A MEDIA SERVER
84.	50277-1541	OID-2000-105-01-PRO	60/218,851	7/13/00	SQL Spreadsheet Functions
85.	50277-1545	2000-078-01	09/728,909	12/1/00	Hierarchy-Based Secured Document Repository
86.	50277-1546	OID-2000-105-01	09/886,839	6/20/01	PERFORMING SPREADSHEET-LIKE CALCULATIONS IN A DATABASE SYSTEM
87.	50277-1556	OID 2000-131-01 PRO	60/222,817	8/4/00	Techniques for Implementing Mobile and Industrial Database Applications (Provisional)
88.	50277-1557	OID 2000-131-01	09/872,066	5/31/01	Maintaining State Information in Mobile Applications
89.	50277-1558	OID 2000-057-01 PRO	60/231,482	9/8/00	AUTOMATIC WEB SITES WITH DATABASES
90.	50277-1561	OID 2000-068-01	09/853,823	5/11/01	Nested Transactions in a File System
91.	50277-1564	OID 2000-127-01	09/949,020	9/6/01	METHOD AND APPARATUS FOR XML VISUALIZATION OF A RELATIONAL DATABASE AND UNIVERSAL RESOURCE IDENTIFIERS TO DATABASE DATA AND METADATA
92.	50277-1565	OID 2000-129-01	09/948,949	9/6/01	APPARATUS AND METHOD FOR MAPPING RELATIONAL DATA AND METADATA TO XML
93.	50277-1566	OID 2000-130-01	09/948,998	9/6/01	METHOD AND APPARATUS FOR FLEXIBLE STORAGE AND UNIFORM MANIPULATION OF XML DATA IN A RELATIONAL DATABASE SYSTEM
94.	50277-1567	OID 2000-132-01	09/705,433	11/3/00	Adaptive Hosted Text to Speech Processing
95.	50277-1575	OID 2000-127-01 PRO	60/230,878	9/7/00	XML Data Storage, Query Rewrites, Visualization, Mapping and Referencing
96.	50277-1576	OID 2000-135-01PRO	60/241,959	10/19/00	Data Integrity Verification Mechanism

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97.	50277-1588	OID 1995-22-DIV1	09/798,617	3/1/01	Deadlock Detection Based On Information Stored In Distributed Objects That Participate In A Distributed Lock Management System
98.	50277-1589	OID 1995-22-DIV2	09/798,647	3/1/01	Using Distributed Information About Lock Conversion Requests To Efficiently Manage Lock State Transitions
99.	50277-1590	OID 1995-22-DIV3	09/798,610	3/1/01	Efficiently Initiating Lock State Transitions For Distributed Resource Objects That Participate In A Distributed Lock Management System
100.	50277-1591	OID 1995-22-DIV4	09/797,632	3/1/01	Efficiently Distributing Information Used For Lock Management Between Distributed Resource Objects
101.	50277-1592	OID 1995-22-DIV5	09/798,620	3/1/01	Efficiently Distributing Information Used For Lock Management Among Distributed Resource Objects Using Sequence Numbers
102.	50277-1593	OID 1995-22-DIV6	09/798,618	3/1/01	Using Distributed Information About Lock Conversion Requests To Efficiently Manage Lock State Transitions
103.	50277-1594	OID 1995-22-DIV7	09/798,629	3/1/01	Efficient Lock State Transitions In A Distributed System
104.	50277-1600	OID 2000-114-01 PRO	60/240,165	10/12/00	A new object oriented framework to provide an exclusive view of a shared resource that implements efficient task scheduling and monitoring in distributed systems with bounded resources.
105.	50277-1605	OID 1997-016-06CON	09/676,262	9/28/00	Method and Apparatus for Incorporating State Information Into a URL
106.	50277-1606	OID 2000-153-01	09/872,986	5/31/01	Techniques for Navigating in Mobile Applications
107.	50277-1607	OID 2000-154-01	09/872,566	5/31/01	Techniques for Supporting Multiple Devices in Mobile Applications
108.	50277-1608	OID 2000-155-01	09/872,978	5/31/01	Techniques for Programming Event-Driven Transactions in Mobile Applications
109.	50277-1619	OID 1995-56-39-con	09/501,353	2/9/00	Controlled Execution of Partioned Code
110.	50277-1621	OID 2000-158-01PRO	60/295,104	6/1/01	Consistent Read in a Distributed Database Environment
111.	50277-1632	OID 2000-114-01	09/960,006	9/20/01	Providing An Exclusive View Of A Shared Resource
112.	50277-1633	OID 2000-135-01	09/765,680	1/18/01	Data Integrity Verification Mechanism
113.	50277-1639	OID1997-53-04con	09/775,886	2/2/01	APPLICATION CODE CONVERSION ARCHITECTURE

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114.	50277-1646	OID 1993-06-CON2-R	09/757,399	1/5/01	Method and Apparatus for Implementing Parallel Operations in a Database Management System
115.	50277-1653	OID 2000-166-01	09/871,853	5/31/01	Method and Apparatus for Reducing Latency and Message Traffic During Data and Lock Transfer in a Multi-Node System
116.	50277-1678	OID 1997-11-05CON	09/748,408	12/22/00	Method and Apparatus for Making Available Data that was Locked by a Dead Transaction before Rolling Back the Entire Dead Transaction
117.	50277-1680	OID 1997-003-02CON	09/758,628	1/10/01	Method and Apparatus for Propagating Commit Times Between a Plurality of Database Servers
118.	50277-1681	OID 2000-198-01	09/872,267	5/31/01	Techniques for Time-Based Retention of a Reusable Resource
119.	50277-1682	OID 2000-200-01	09/872,243	5/31/01	DYNAMIC PARTITIONING OF A REUSABLE RESOURCE
120.	50277-1683	OID 2000-196-01 PRO	60/293,844	5/24/01	Techniques for Resuming a Transaction after an Error
121.	50277-1687	OID 2001-001-01 PRO	60/285,577	4/20/01	Method for Web Client Response-Time Measurement
122.	50277-1688	OID 2001-002-01	09/863,236	5/21/01	Group Pruning from Cube, Rollup and Grouping Sets
123.	50277-1689	OID 2000-201-01	09/947,910	9/5/01	Providing Content from Multiple Services
124.	50277-1690	OID 2000-202-01	09/948,135	9/5/01	Accessing Data Stored at an Intermediary from a Service
125.	50277-1691	OID 2000-203-01	09/948,056	9/5/01	Developing Applications Online
126.	50277-1716	OID 2001-035-01	09/872,646	5/31/01	One Click Deployment
127.	50277-1718	OID 2001-026-01 PRO	60/274,270	3/7/01	Methods to Perform Disk Writes in a Distributed Shared Disk System Needing Consistency Across Failures
128.	50277-1719	OID 2001-021-01	09/922,424	8/3/01	Victim Selection for Deadlock Detection
129.	50277-1724	OID 1997-010-14 DIV	09/810,120	3/15/01	Approach for Accessing Large Objects
130.	50277-1725	OID 2001-026-01	10/091,618	3/4/02	Methods to Perform Disk Writes in a Distributed Shared Disk System Needing Consistency Across Failures
131.	50277-1732	OID 2001-020-01	10/044,457	1/11/02	VISUALLY ORGANIZING AND HIGHLIGHTING A LIST OF ITEMS TO SHOW HOW THEY SATISFY MULTIPLE CRITERIA SELECTED BY A USER
132.	50277-1734	OID 2001-032-01	09/866,143	5/25/01	Management and Synchronization Application for Network File System
133.	50277-1735	OID 2001-037-01	09/912,458	7/24/01	Distributed Service Aggregation and Composition
134.	50277-1736	OID 2001-038-01	09/866,111	5/25/01	Mechanism for Automatically Configuring a Network Resource

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135.	50277-1737	OID 2001-036-01	10/120,634	4/10/02	Transforming Transactions To Increase Parallelism When Replicating
136.	50277-1738	OID 2001-051-01	10/107,106	3/26/02	Incremental Refresh of Materialized Views Containing Rank Function, and Rewrite of Queries Containing Rank or Rownumber or Min/Max Aggregate Functions Using Such A Materialized View
137.	50277-1744	OID 1997-06-05-con	09/894,640	6/27/01	Using a Checkpoint to Manage Data that is Shared by a Plurality of Nodes
138.	50277-1745	OID 1997-008-09-CON	09/843,388	4/25/01	Method and System for Controlling Recovery Downtime
139.	50277-1746	OID 2001-066-01	10/124,908	4/17/02	Database Management System for Implementing Independent Database Actions in Response to Events of Interest
140.	50277-1747	OID 2001-001-01	09/945,160	8/31/01	TECHNIQUES FOR SERVER-CONTROLLED MEASUREMENT OF CLIENT-SIDE PERFORMANCE
141.	50277-1748	OID 2001-052-01	10/118,203	4/5/02	Retry Technique for Multi-Tier Network Communication Systems
142.	50277-1752	OID 2001-108-01-PRO	60/289,716	5/8/01	Customer Relationship Management
143.	50277-1753	OID 2001-108-01	09/940,870	8/27/01	Techniques for Managing Resources for Multiple Exclusive Groups
144.	50277-1754	OID 2001-082-01	09/968,617	9/28/01	TECHNIQUES FOR PEER-TO-PEER REPLICATION OF OBJECTS IN A RELATIONAL DATABASE
145.	50277-1755	OID 2001-083-01	10/006,605	12/5/01	Object-Oriented Materialized Views
146.	50277-1756	OID 2001-084-01	09/968,568	9/28/01	Incremental Refresh of Materialized Views For Many-to-Many Relationships
147.	50277-1757	OID 2001-089-01	09/967,856	9/28/01	TECHNIQUES FOR ADDING A MASTER IN A DISTRIBUTED DATABASE WITHOUT SUSPENDING DATABASE OPERATIONS AT EXTANT MASTER SITES
148.	50277-1758	OID 2001-091-01	09/968,703	9/28/01	Online Reorganization and Redefinition of Relational Database Tables
149.	50277-1763	OID 2001-105-01	10/056,716	1/22/02	Semantic Response to Lock Requests to Reduce Coherence Overhead in Multi-Node Systems
150.	50277-1764	OID 2001-054-01	09/965,334	9/25/01	TECHNIQUES FOR MODIFYING A COMPILED APPLICATION
151.	50277-1766	OID 2001-125-01	10/040,578	12/28/01	Property Bundles on a Per Instance Basis
152.	50277-1767	OID 2001-126-01	10/040,500	12/28/01	Categories on a Per Instance Basis

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153.	50277-1768	OID 2001-127-01	10/040,499	12/28/01	Policies on a Per Instance Basis
154.	50277-1769	OID 2000-196-01	09/993,855	11/13/01	Techniques for Resuming a Transaction after an Error
155.	50277-1774	OID 2001-090-01	10/006,543	11/30/01	Techniques for Adding Multiple Security Policies to a Database System
156.	50277-1775	OID 1997-059-01-CON	09/896,373	6/28/01	Partitioning Ownership of a Database Among Different Database Servers to Control Access to the Database
157.	50277-1776	OID 2001-026-02	10/092,047	3/4/02	Managing Checkpoint Queues in a Multiple Node System
158.	50277-1777	OID 2001-145-01 PRO	60/298,437	6/15/01	MANAGING XML IN A DATABASE
159.	50277-1779	OID 1997-06-05-CON2	09/894,636	6/27/01	Transferring a Resource Between Caches of Different Nodes
160.	50277-1782	OID 1997-06-05-CON5	09/894,757	6/27/01	Recovering Data from a Failed Cache Using a Surviving Cache
161.	50277-1783	OID 1997-06-05-CON6	09/894,635	6/27/01	Managing a Resource Used by a Plurality of Nodes
162.	50277-1784	OID 2001-154-01-PRO	60/301,310	6/26/01	Business Rule Implementation Framework and Repository for Software Development
163.	50277-1786	OID 2001-149-01	09/945,135	8/31/01	Techniques for Managing Configuration for a System of Devices Arranged in a Network
164.	50277-1787	OID 2001-150-01	09/945,438	8/31/01	Techniques for Managing a Database System Including One or More Database Servers
165.	50277-1794	OID 2000-006-04PRO	60/306,704	7/20/01	Multimodal Session Support on Distinct Multichannel Protocol
166.	50277-1803	OID 2001-124-01	10/154,751	5/23/02	Partition Exchange Loading Technique for Fast Addition of Data to a Data Warehousing System
167.	50277-1804	OID 2001-112-01	10/084,642	2/26/02	Evaluation of Rollups with Distinct Aggregates by Using Sequence of Sorts and Partitioning By Measures
168.	50277-1805	OID 2001-056-01	10/059,616	1/28/02	Incremental Refresh of Materialized Views with Joins and Aggregates after Arbitrary DML Operations to Multiple Tables
169.	50277-1806	OID 2001-180-01	09/968,067	9/28/01	Technique for Moving Data Into a Database System
170.	50277-1815	2000-158-01	10/119,672	4/9/02	Consistent Read in a Distributed Database Environment
171.	50277-1819	OID 2001-191-01PRO	60/326,052	9/28/01	File Based Access Provided With a Database System
172.	50277-1821	OID 2001-202-01	10/077,828	2/15/02	Evaluation of Hierarchical Cubes By Nesting Rollups
173.	50277-1822	OID 2001-203-01	10/084,597	2/26/02	Evaluation of Grouping Sets by Reduction to Group-by Clause, with or without a Rollup Operator, Using Temporary Tables

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174.	50277-1825	OID 2001-190-01-PRO	60/324,722	9/24/01	Functional Specification for Multilanguage Application Debugging Infrastructure, RDBMS/PLSQL/JAVA
175.	50277-1838	OID 2001-156-01	10/354,692	1/29/03	Operator Approach for Generic Dataflow Designs
176.	50277-1840	OID 2001-198-01	10/177,440	6/20/02	Linear Instance Mapping For Query Rewrite
177.	50277-1841	OID 1997-53-01-R	10/021,783	12/13/01	Method and Apparatus for Copying Data That Resides in a Database
178.	50277-1842	OID 2001-208-01	10/155,412	5/23/02	Partition Exchange Technique for Operating a Data Warehousing System
179.	50277-1845	OID 2001-083-01PRO	60/326,275	9/28/01	Object-Oriented Materialized Views
180.	50277-1846	OID 2001-210-01PRO	60/326,346	9/28/01	BITMAP JOIN INDEX
181.	50277-1847	OID 2001-084-01-CIP	09/969,938	10/2/01	Incremental Refresh of Materialized Views for Many-to-Many Relationships
182.	50277-1849	OID 2001-211-01PRO	60/326,739	10/2/01	IMPLEMENTING AN ETL TOOLKIT IN A DATABASE SYSTEM
183.	50277-1850	OID 2001-199-01	10/118,762	4/8/02	Efficient Processing of Multi-Column And Function Based In-List Predicates
184.	50277-1853	OID 2001-211-01	10/159,812	5/31/02	Parallel Transfer of Data from One or More External Sources Into a Database System
185.	50277-1854	OID 2000-135-01CIP1	10/133,002	4/25/02	Enhancements to Data Integrity Verification Mechanism
186.	50277-1855	OID 2001-175-01	10/160,585	5/30/02	Automatic Discovery and Use of Column Correlations in Tables
187.	50277-1857	OID 2001-210-01	10/186,461	6/28/02	Techniques for Eliminating Database Table Joins Based on a Join Index
188.	50277-1862	OID 2001-190-01	10/144,144	5/10/02	Techniques for Debugging Computer Programs Involving Multiple Programming Languages
189.	50277-1863	OID 2001-215-01	10/160,128	5/30/02	Deferred Piggybacked Messaging Mechanism for Session Reuse
190.	50277-1865	OID 2001-190-02	10/143,890	5/10/02	Techniques for Debugging Computer Programs Involving Multiple Computing Machines
191.	50277-1866	OID 2001-214-01 PRO	60/337,359	11/30/01	Realizing Session and Synchronous Semantics Based on Asynchronous Messaging Protocols
192.	50277-1869	OID 2000-111-01	10/020,088	12/12/01	COMPUTER-BASED PRE-EXECUTION ANALYSIS AND VERIFICATION UTILITY FOR SHELL SCRIPTS
193.	50277-1870	OID 2001-154-01-PRO2	60/346,736	1/7/02	Generating Applications from XML Defining Structure of Application
194.	50277-1873	OID 1996-43-02	08/873,644	6/11/97	Method and Apparatus for Reducing Inefficiencies Caused by Sending Multiple Commands to a Server

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195.	50277-1879	OID 2001-214-01	10/097,389	3/12/02	Servicing Requests that are Issued in a Protocol other than the Protocol Expected by the Service
196.	50277-1889	OID 2001-156-01-PRO	60/353,796	1/30/02	Operator Approach for Data Flow Design
197.	50277-1890	OID 2002-012-01-PRO	60/353,270	2/1/02	Rule Based Security System
198.	50277-1895	OID 2002-013-01	10/146,620	5/14/02	Techniques for Generating Rules for a Dynamic Rule-Based System that Responds to Requests for a Resource on a Network
199.	50277-1896	OID 2002-012-01	10/146,335	5/14/02	Techniques for Dynamic Rule-Based Response to a Request for a Resource on a Network
200.	50277-1897	OID 2002-031	10/173,470	6/14/02	REPRESENTING DELTAS BETWEEN XML VERSIONS USING XSLT
201.	50277-1899	OID 2002-033	10/173,466	6/14/02	REDUCING MEMORY REQUIREMENTS NEEDED TO REPRESENT XML ENTITIES
202.	50277-1900	OID 2002-034	10/171,796	6/13/02	Callback Structures for User Defined DOMs
203.	50277-1901	OID 2001-194-01-PRO	60/379,899	5/10/02	Providing a Useable Version of a Data Item
204.	50277-1904	OID 2002-023-01	10/153,094	5/21/02	Evaluating Queries with Outer Joins by Categorizing and Processing Combinations of Relationships Between Table Records
205.	50277-1922	OID 2000-054-01	09/540,977	3/31/00	A System for Creating and Maintaining a Web Site
206.	50277-1923	OID 2000-053-01	09/540,092	3/31/00	A Self Service System for Web Site Publishing
207.	50277-1938	OID 2001-243-01-PRO	60/370,963	4/8/02	Personalized Content Within a Global Namespace
208.	50277-1939	OID 1997-70-02 CON	10/158,757	5/29/02	Method and System for Managing Storage Systems Containing Multiple Data Storage Devices
209.	50277-1940	OID 1997-71-01-DIV	10/125,911	4/18/02	Performing 2-Phase Commit with Presumed Prepare
210.	50277-1941	OID 2002-045-01	10/159,223	5/31/02	Method and Apparatus for Controlling Data Provided to a Mobile Device
211.	50277-1943	OID 2002-056-01 DIV1	10/133,541	4/25/02	Method and Apparatus that Provides a Scalable Media Delivery System
212.	50277-1945	OID 1999-162-01	09/804,672	3/9/01	System and Method for Maintaining Large-Grained Database Concurrency with a Log Monitor Incorporating Dynamically Redefinable Business Logic
213.	50277-1947	OID 1999-165-01	09/662,776	9/15/00	System and Method for Dynamically Evaluating an Electronic Commerce Business Model Through Click Stream Analysis

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214.	50277-1949	OID 1999-182-01	09/627,818	7/28/00	System and Method for Performing Data Backups with a Stochastic Scheduler in a Distributed Computing Environment
215.	50277-1950	OID 2000-115-01	09/654,998	8/31/00	System and Method for Dynamically Generating Web Document Content Using a Rules-Base Engine and Implicit Template Hierarchy
216.	50277-1952	OID 2000-138-01	09/898,407	7/3/01	System and Method for Flexibly Storing Computer Telephony Messages as Structured Objects in a Unified Mail Store
217.	50277-1953	OID 2000-184-01	09/898,400	7/3/01	System and Method for Providing Access to a Unified Message Store Logically Storing Computer Telephony Messages
218.	50277-1955	OID 2000-167-01	10/073,669	2/11/02	System and Method for Providing a Java Code Release Infrastructure with Granular Code Patching
219.	50277-1956	OID 2000-191-01 PRO	60/272,386	2/28/01	System and Method for Providing Highly Available Database Performance
220.	50277-1957	OID 2000-191-01	10/086,782	2/28/02	System and Method for Providing Cooperative Resource Groups for High Availability Applications
221.	50277-1958	OID 2000-192-01	10/086,949	2/28/02	System and Method for Providing Out-of-Band Notification of Service Changes
222.	50277-1959	OID 2000-193-01	10/087,494	2/28/02	System and Method for Detecting Termination of an Application Instance Using Locks
223.	50277-1960	OID 2000-195-01	10/086,842	2/28/02	System and Method for Pre-Compiling a Source Cursor into a Target Library Cache
224.	50277-1961	OID 2001-129-01	09/998,095	11/30/01	System and Method for Actively Managing an Enterprise of Configurable Components
225.	50277-1963	OID 2001-176-01	09/997,759	11/30/01	Application-Independent System and Process for Dynamically Generating Low-Complexity Graphics Embedded as Web Content Using a Tag-Delimited Script
226.	50277-1964	OID 2001-197-01 PRO	60/335,653	10/24/01	Construction Descriptor Segment for Constructing Objects/Record Instances
227.	50277-1965	OID 2001-243-01 PRO2	60/372,186	4/12/02	Approach for Personalized Content Within a Global Namespace
228.	50277-1966	OID 2002-062-01 PRO	60/375,726	4/26/02	Integrating Online Analytical Processing (OLAP) Functions Into A Relational Database Management System (RDBMS)
229.	50277-1972	OID 2001-262-01 PRO	60/340,146	12/14/01	Eye Tracking in Web Search Tasks: Design Implications

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230.	50277-1973	OID 2002-064-01 PRO	60/379,870	5/10/02	Online Analytical Processing (OLAP) Operations and Access Structures for Data Stored in a Relational Database
231.	50277-1983	OID 2002-070-01 PRO	60/378,800	5/7/02	SQL Access to Data that Provides a File System Abstraction
232.	50277-1984	OID 1993-06-CON2-R-DIV	10/153,983	5/22/02	Method and Apparatus for Implementing Parallel Operations in a Database Management System
233.	50277-1985	OID 1997-069-01-CON	10/171,728	5/28/02	Maintenance of Hierarchical Index in a Relational System
234.	50277-1986	OID 2001-210-01-PRO2	60/378,841	5/7/02	Techniques for Eliminating Database Table Joins Based on a Join Index
235.	50277-1987	OID 2001-175-01-PRO	60/378,844	5/7/02	Automatic Discovery and Use of Column Correlations in Tables
236.	50277-1988	OID 2001-215-01PRO	60/378,875	5/7/02	Deferred Piggybacked Messaging Mechanism for Session Reuse
237.	50277-1989	OID 2001-235-01PRO	60/378,872	5/7/02	Providing Common Memory Management Code to Objects That Are Instances of Different Classes
238.	50277-1990	OID 2001-236-01PRO	60/378,871	5/7/02	Simplified Deallocation of Memory For Programming Objects
239.	50277-1991	OID 2002-053-01 PRO	60/378,018	5/10/02	Managing Expressions in a Database System
240.	50277-1994	OID 2001-189-01 PRO	60/385,020	5/30/02	Method and Apparatus for Exchanging Communications Between Heterogeneous Applications
241.	50277-1995	OID 2001-208-01 PRO	60/379,069	5/8/02	Partition Exchange Technique for Operating a Database System
242.	50277-1996	OID 2001-211-01 PRO	60/379,072	5/8/02	Automatic Parallel Access of External Data via External Tables
243.	50277-1998	OID 2002-034-PRO	60/379,089	5/8/02	Call Back Structures for User Defined DOMs
244.	50277-2002	OID 2002-024-01 PRO	60/379,827	5/10/02	Techniques for Determining Effects on System Performance of a Memory Management Parameter
245.	50277-2003	OID 2001-255-01 PRO	60/379,890	5/10/02	System and Method for Providing a Client-Server Application Testing Framework for Network-Enabled Applications
246.	50277-2004	OID 2002-070-02 PRO	60/379,872	5/10/02	Versioning XDB
247.	50277-2005	OID 2001-157-01 PRO	60/382,360	5/20/02	Footnotes in Online Oracle Reference Manuals
248.	50277-2007	OID 2002-088-01 PRO	60/378,016	5/10/02	Time Based Sharing of Flashback-Cursors
249.	50277-2008	OID 2001-170-02	10/144,439	5/10/02	Schema Evolution of Complex Objects
250.	50277-2023	OID 2002-099-01-PRO	60/383,498	5/24/02	Dynamic Disk Space Management in a Cluster Configuration
251.	50277-2025	OID 2002-031-PRO	60/384,693	5/31/02	Representing Deltas Between Versions Using XSLT

	Attorney Docket No.	OIC Docket No.	Appl. No.	Filing Date	Title
252.	50277-2026	OID 2001-226-01-PRO	60/384,206	5/29/02	Platform Independent Core Dump Analysis
253.	50277-2027	OID 1998-14-01 CON	10/167,207	6/10/02	Anticipatory Lock Mode Conversions in a Lock Management System
254.	50277-2031	OID 2001-235-01-PRO2	60/384,647	5/31/02	Providing Common Memory Management Code to Objects that are Instances of Different Classes
255.	50277-2032	OID 2001-236-01-PRO2	60/384,646	5/31/02	Simplified Deallocation of Memory for Programming Objects
256.	50277-2033	OID 2002-033-PRO	60/384,583	5/31/02	REDUCING MEMORY REQUIREMENTS NEEDED TO REPRESENT XML ENTITIES
257.	50277-2034	OID 2001-197-01-PRO2	60/385,543	6/3/02	Constructor Descriptor Segment for Constructing Object/Record Instances